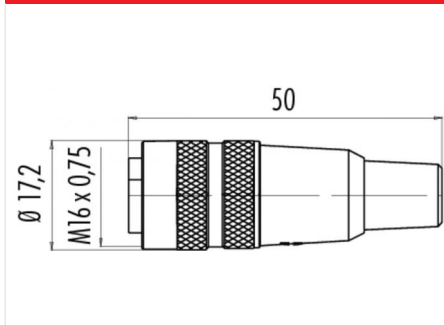


Product **M16 IP40 female cable connector, Contacts: 19, 6.0 - 8.0 mm, Shielding is not possible, solder, IP40**  
 Area **M16 IP40 series 680**  
 Article number **09 0344 02 19**

**Illustration**



**Ritning**



**Polbild**

	X	Y
A	2,50	-4,00
B	4,00	-2,25
C	4,25	0,00
D	4,00	2,40
E	2,30	4,00
F	0,00	4,25
G	-2,30	4,00
H	-4,00	2,40
I	-4,25	0,00
K	-4,00	-2,25
L	-2,50	-4,00
M	0,95	-2,40
N	2,40	-0,95
O	2,40	0,95
P	0,95	2,40
R	-0,95	2,40
S	-2,40	0,95
T	-2,40	-0,95
U	-0,95	-2,40

**Technical data**

**General features**

Kontaktdesign female cable connector  
 Kontaktdonslåsning screw  
 Anslutning solder  
 Tvärsnitt (mm) 0.25 mm<sup>2</sup>  
 Tvärsnitt (AWG) 24  
 Kabeluttag 6.0 - 8.0 mm  
 Övre gränstemperatur 85 °C  
 Lägre gränstemperatur - 40 °C  
 Customs tariff number 85369010

**Electrical parameters**

Märkström (40°C) 3 A  
 Märkspänning 60 V  
 Märkstötspänning 500 V  
 Föroreningsgrad 1  
 Överspänningskategori I  
 Isoleringsmaterialgrupp III  
 Resistans ≤ 3 mΩ  
 Insulation resistance ≥ 10<sup>10</sup> Ω  
 EMV-behörighet Shielding is not possible  
 Kapslingsklass IP40  
 Mekanisk livslängd > 500 Mating cycles

**Material**

Kontaktmaterial CuSn (bronze)  
 Kontaktplätering Au (gold)  
 Kontaktkroppsmaterial PBT (UL 94 V-0)  
 Kontakthusmaterial PA

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Article number	<b>09 0344 02 19</b>

## Security notices

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).